

Dear Parents of Incoming 7<sup>th</sup> Grade Students:

To prepare your child for both 7<sup>th</sup> grade math (Math 7) and **Pre-Algebra**, a summer work packet has been created that will be due on the first day of school. The summer work will be completed online at <https://www.ixl.com>. Your child already has an account to IXL and has been using it throughout the year in math class. Further instructions will be on our websites over the summer.

Students will be required to complete a minimum of 20 questions per section and as their teachers we expect that they will be getting at least 12 of those questions correct. It is recommended that your child use a paper and pencil while working in order to show adequate work for these problems. They should NOT be answering these questions in their heads. The work is a compilation of the skills that your child should be proficient in prior to September. It is geared towards skills that students should have mastered, but may struggle with during the 7<sup>th</sup> grade year. A calculator is not allowed during the summer work. It is also very important that your child not receive so much assistance that he or she is incapable of demonstrating independent understanding of the skills.

When we return in September we will take one day to answer any questions that remain from the summer work. The following day there will be a quiz which will consist of questions taken directly from IXL; similar, if not identical, to the questions your child may have seen over the summer. The quiz will be graded and count towards the 1<sup>st</sup> marking period grade.

Please remember that IXL will automatically time and date stamp the work that is completed. Regardless of how many questions your child may have completed during the school year in any of these sections, we will only be looking at work that is completed BETWEEN June 20, and September 5, 2017. Please have your child prepared to ask questions about the topics that may have given them difficulty when we return to school.

We are looking forward to another great school year! Enjoy your summer!

Mr. Galgon and Mrs. Galante

7<sup>th</sup> Grade Math Teachers

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Incoming Pre-Algebra students summer work:

Below is the list of topics from the 7<sup>th</sup> Grade section of IXL and a timeline to help you pace yourself. Complete at least 20 questions each of the following topics making sure you get **at least 12 correct before you move on**. Keep track of your own questions, as you know IXL does not do that for you.

If you get a question wrong, be sure to look over the worked out solution and reasons that IXL provides.

If you find yourself working for more than 30 min. on any one topic without getting the required 12 correct **MOVE ON!**  
It is not our intention to stress you out this summer.

We will be checking throughout the summer to see how you are progressing.

Feel free to email us at any time with concerns.

The following should be completed by August 1<sup>st</sup>

The following should be completed by September 1<sup>st</sup>

1. [B.6 Integer inequalities with absolute values](#)
2. [C.2 Add and Subtract integers using counters](#)
3. [C.3 Add and Subtract Integers](#)
4. [C.4 Complete Addition and subtraction equations with integers](#)
5. [C.6 Integer Multiplication and division rules](#)
6. [C.7 Multiply and Divide Integers](#)
7. [C.8 Complete Multiplication and division equations with integers](#)
8. [C.9 Evaluate Numerical Expressions Involving Integers](#)
9. [G.1 Add and Subtract Fractions](#)
10. [G.9 Multiply Fractions](#)
11. [G.12 Divide Fractions](#)

12. [J.7 Scale Drawings and scale factors](#)
13. [L.1 What percentage is illustrated](#)
14. [L.3 Compare percents to fractions and decimals](#)
15. [L.6 Percents of numbers: Word Problems](#)
16. [L.7 Solve percent Equations](#)
17. [L.8 Solve percent equations: Word Problems](#)
18. [L.9 Percent of change](#)
19. [L.10 Percent of change: word Problems](#)
20. [R.2 Write variable expressions: word Problems](#)
21. [S.8 Solve equations involving like terms](#)
22. [DD.7 Probability of independent and dependent events](#)